

**U.S. ENVIRONMENTAL PROTECTION AGENCY
INITIAL POLREP**

DATE: February 4, 2003

SUBJECT: Williams Refining JP8 Spill
Memphis, Shelby County, Tennessee

FROM: Gerald F. Foree, OSC
EPA Region 4, Atlanta, Georgia

TO: EPA RRC for Distribution
Project File

I. GENERAL SITE INFORMATION

PRP: Williams Refining
543 West Malery Avenue
Memphis, Shelby County, Tennessee

FPN: E03405
Site ID#: Z4F9
Lead OSC: Steve Spurlin
Response Authority: Oversight
Project Ceiling: \$10,000
NPL Status: Non-NPL
Incident Category: Emergency Response
Source: 6 Inch Pipeline Break
Source Identification: unknown
Surface Water Impacted: Days Creek and Naconnah Creek
Date of Notification: February 3, 2003
Start Date: February 3, 2003
Completion Date: N/A
PRP Contractor: Hepaco

II. BACKGROUND INFORMATION

A. Site and Incident Description:

On February 3, 2003, the USEPA, Region 4 was notified of a release of approximately 3,000 gallons of JP-8 (jet fuel) from a six inch pipeline at the Williams Refining in Memphis, Shelby County, Tennessee. Outposted OSC Steve Spurlin was dispatched to scene to assess to incident and provide technical oversight.

B. Community Involvement:

None

B. Unusual Circumstances

None

C. Future Considerations

None

III. ESTIMATED COSTS:**A. Estimated Costs:**

ERRS \$ 0

START \$ 6,000

EPA Direct Costs: \$ 4,000

TOTAL SITE COSTS: \$10,000

Note: Costs shown are based on information available at the time this report was prepared. These figures should not be used to support or dispute any legal action regarding this removal.

V. ROSTER OF AGENCIES/ORGANIZATIONS ASSISTING IN REMOVAL

Org./Agency, Address	Primary Contact	Phone Number	Role/Activity
USEPA-Region 4 Emergency Response and Removal Branch 61 Forsyth Street Atlanta Federal Center Atlanta, GA 30303	Steve Spurlin	(731) 394-8996	Outposted On-Scene Coordinator
	Gerald F. Foree	(404) 562-8850	Telephone Duty OSC
Williams Refining 543 West Malery Ave. Memphis, Tn 38109	Glen Mohler	(901) 947-8348	Reporting/Responsible Party Point of Contact

**U.S. ENVIRONMENTAL PROTECTION AGENCY
2nd & FINAL POLREP**

DATE: February 26, 2003

SUBJECT: Williams Refining Jet Fuel Spill
Memphis, Shelby County, Tennessee

FROM: Steve Spurlin, OSC
EPA Region 4, Jackson, Tennessee

TO: EPA RRC for Distribution
Project File

I. GENERAL SITE INFORMATION

PRP: Williams Refining
543 West Malery Avenue
Memphis, Shelby County, Tennessee 38109

FPN: E03405
Site ID#: Z4F9
NRC Report#635851
Lead OSC: Steve Spurlin
Response Authority: CWA/OPA
Project Ceiling: \$10,000
NPL Status: Non-NPL
Incident Category: Emergency Response
Source: 6 Inch Pipeline Break
Surface Water Impacted: Days Creek and Nonconnah Creek
Date of Notification: February 3, 2003
Start Date: February 3, 2003
Completion Date: February 14, 2003
PRP Contractors: Hepaco & Ensaf Inc.

II. BACKGROUND INFORMATION

A. Site and Incident Description:

On February 3, 2003, the USEPA, Region 4 was notified of a jet fuel release, initially estimated at 3,000 gallons, from a six inch buried pipeline located on property at the Memphis airport (NRC#635851). Williams Refining leases and operates the pipeline, and reported the incident as the responsible party (RP). Out posted OSC Steve Spurlin was dispatched, and arrived on-scene on 2/3/03 at approximately 1830 hrs CST.

Upon arriving on-site, the OSC observed that the RP had hired a clean-up contractor who, with assistance from the local fire department and resources provided by the Memphis airport, initiated containment and collection actions. The jet fuel saturated the soils around the release point and entered a nearby storm water ditch which runs approx. 800 yards parallel to Airways boulevard before entering a concrete lined ditch called Days creek which leaves the airport property and runs approx. 2.5 miles to Nonconnah creek, a tributary to the Mississippi river.

An underflow dam was constructed in the airport storm water ditch, and containment booms were placed downstream above the confluence of Days creek and Nonconnah creek. The RP's contractor utilized vac-trucks, drum skimmers, and absorbent materials to recovery the fuel in the creeks. To date, approximately 10,600 gals. of product has been recovered from the waterways. Based on information provided by the RP, it appears that approx. 80-90 percent of all free product lost has been recovered.

The OSC was on-scene 2/3 & 2/4, and then returned 2/7 to check the progress of the cleanup. EPA's START contractor mobilized on-scene 2/4, and remained on-scene through 2/7. The OSC issued a Notice of Federal Interest in a Pollution Incident letter to the RP. EPA stayed in contact with the RP throughout the next week. By 2/14, the majority of the collectable fuel had been recovered and cleanup efforts transitioned from free product collection to soil remediation. The RP kept containment measures in place while removing the grossly contaminated soil at the release point as a contingency for releases resulting from the soil disturbance activities or storm water run-off.

The OSC kept the Tennessee Department of the Environment & Conservation (TDEC) informed throughout the cleanup, and ensured that the RP was coordinating soil remediation efforts with TDEC. Ensafe Inc was hired by the RP to coordinate the soil remediation.

B. Community Involvement:

Although the spill garnered a lot of media attention, the impacted area ran primarily through a light industry/commercial area, so there was no evacuation or need for specific community involvement.

B. Unusual Circumstances

None

C. Future Considerations

The emergency efforts at the site have been completed, and the RP has removed the majority of the gross soil contamination and is coordinating long-term soil remediation with TDEC. The RP has committed to periodic monitoring of the ditch to address any small amounts of fuel that may leach from impacted soils.

III. ESTIMATED COSTS:

A. Estimated Costs:

ERRS \$ 0

START \$ 3,000

EPA Direct Costs: \$ 2,000

TOTAL SITE COSTS: \$ 5,000

Note: Costs shown are based on information available at the time this report was prepared. These figures should not be used to support or dispute any legal action regarding this removal.

V. ROSTER OF AGENCIES/ORGANIZATIONS ASSISTING IN REMOVAL

Org./Agency, Address	Primary Contact	Phone Number	Role/Activity
USEPA-Region 4 Emergency Response and Removal Branch 61 Forsyth Street Atlanta Federal Center Atlanta, GA 30303	Steve Spurlin	(731) 394-8996	Out posted On-Scene Coordinator
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Williams Refining 543 West Malery Ave. Memphis, Tn 38109	Glen Mohler	(901) 947-8348	Reporting/Responsible Party Point of Contact